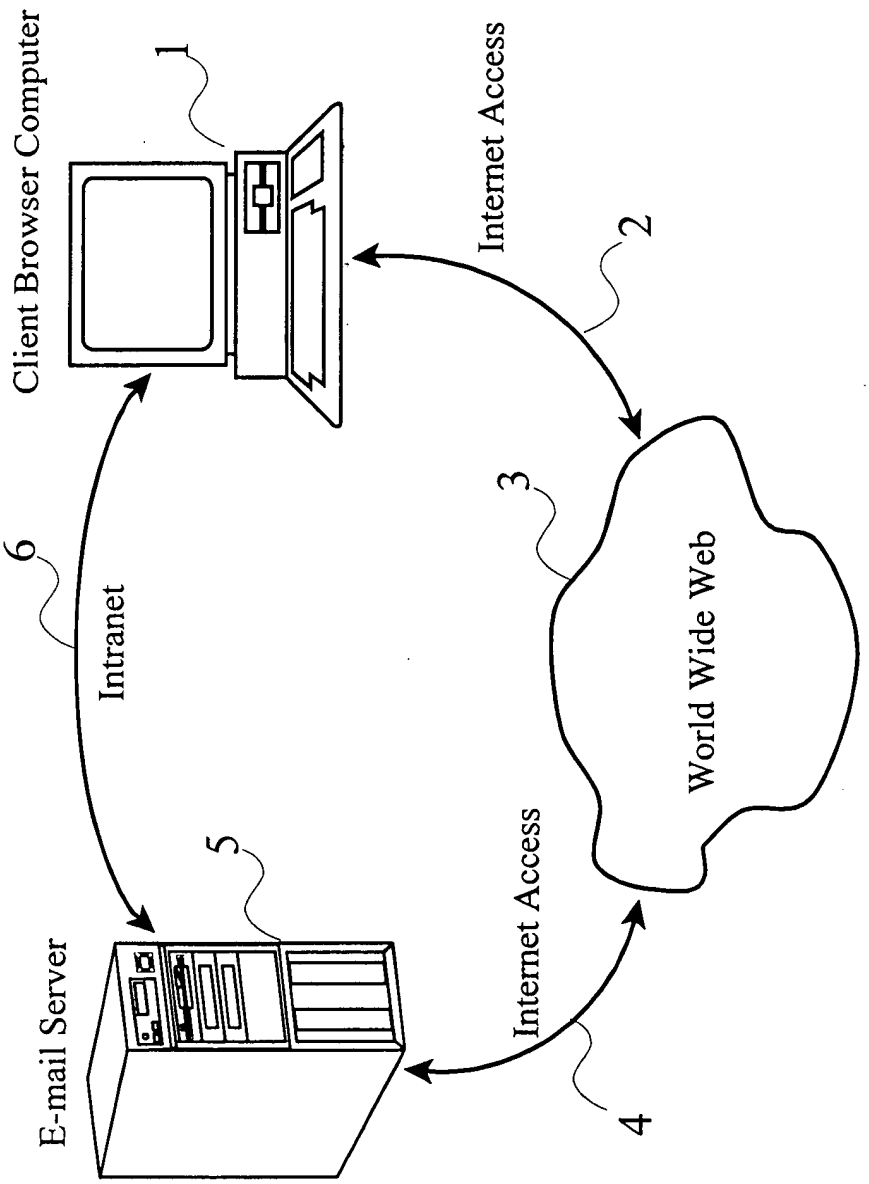

Prior Art

Figure 1

09651238045

Prior Art

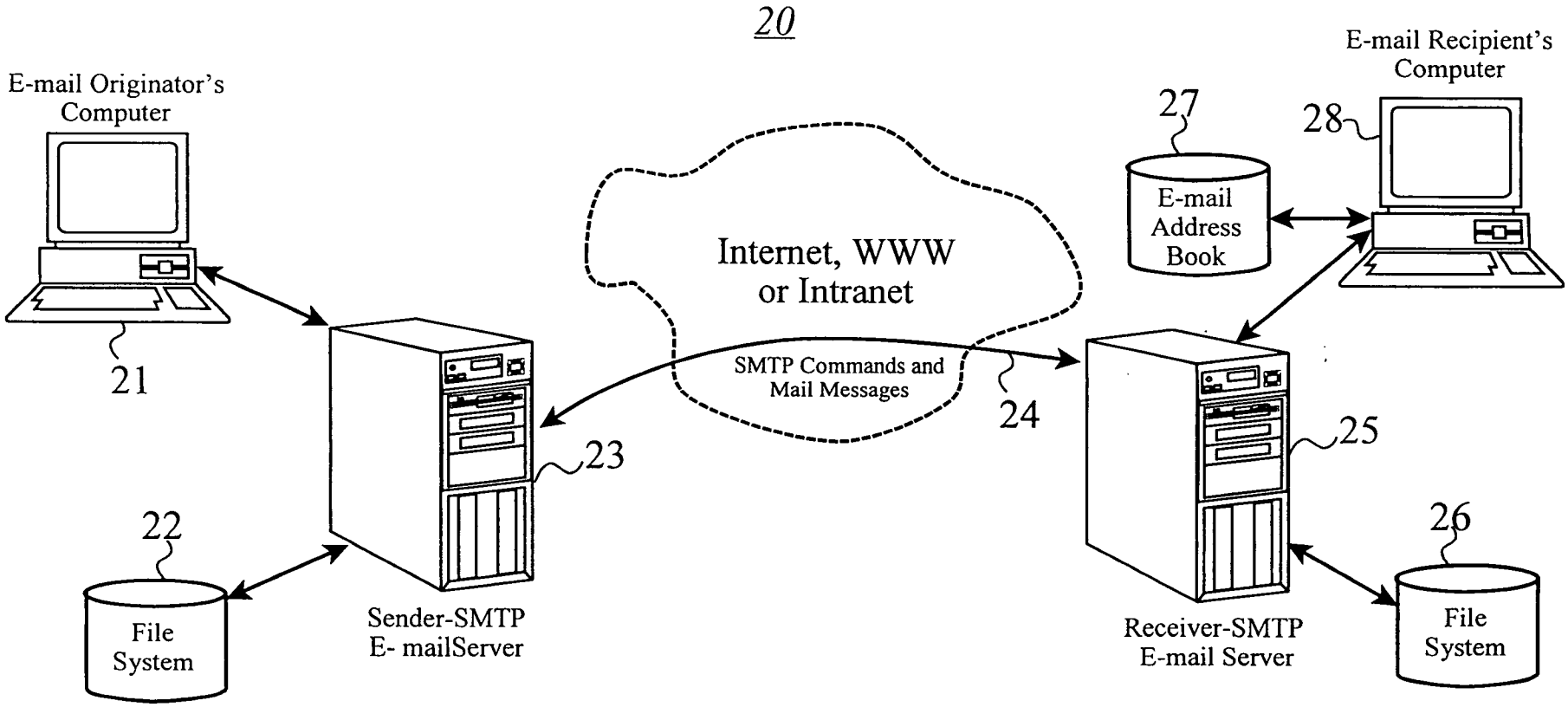

Figure 2

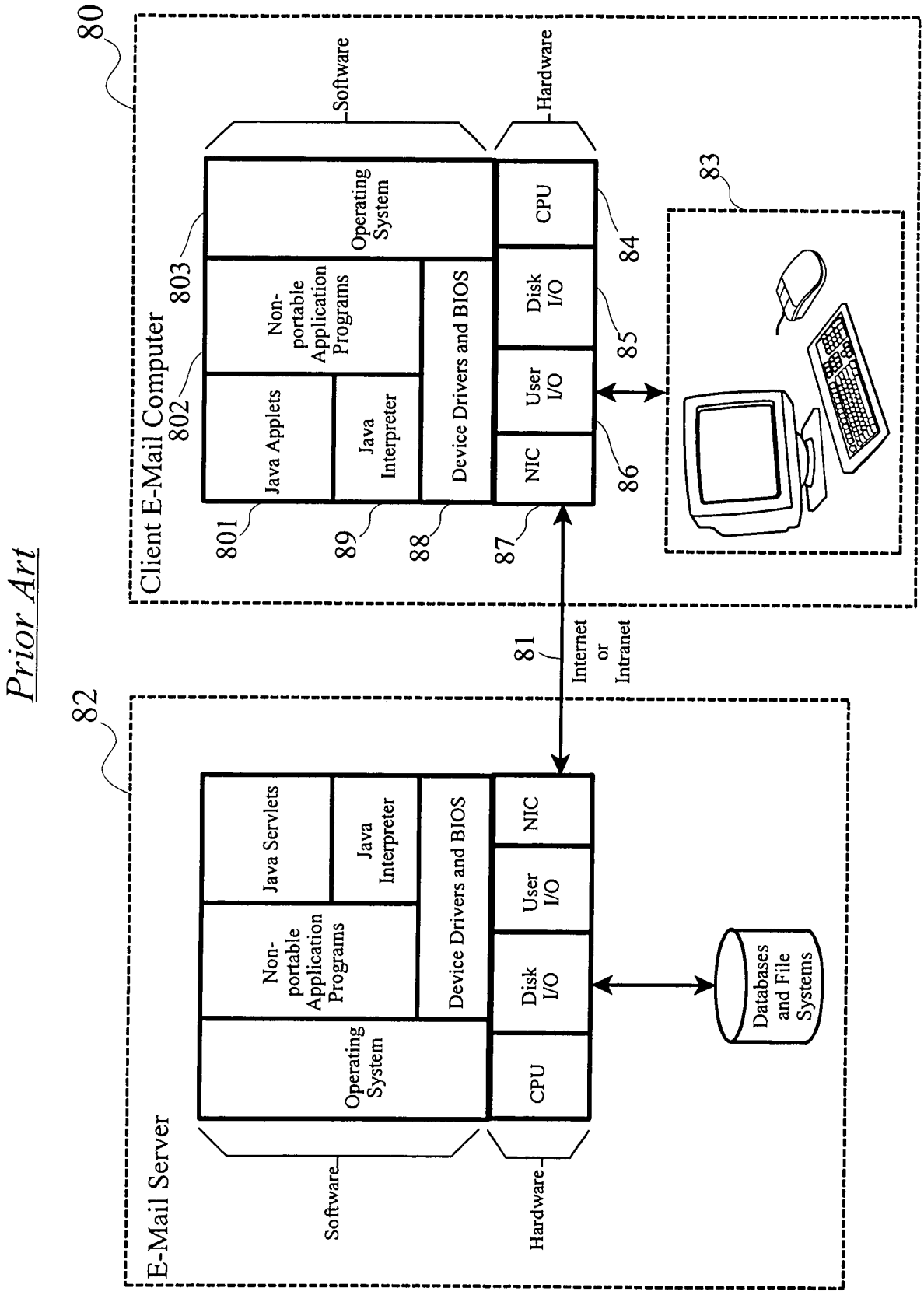
Prior Art
80
Client E-Mail Computer
Software
Hardware
Operating System
Non-portable Application Programs
Java Applets
Java Interpreter
Device Drivers and BIOS
CPU
Disk I/O
User I/O
NIC
803
802
801
89
88
87
84
85
86
83
81
Internet or Intranet
82
E-Mail Server
Java Servlets
Java Interpreter
Non-portable Application Programs
Device Drivers and BIOS
Operating System
NIC
User I/O
Disk I/O
CPU
Databases and File Systems
Software
Hardware

Figure 3

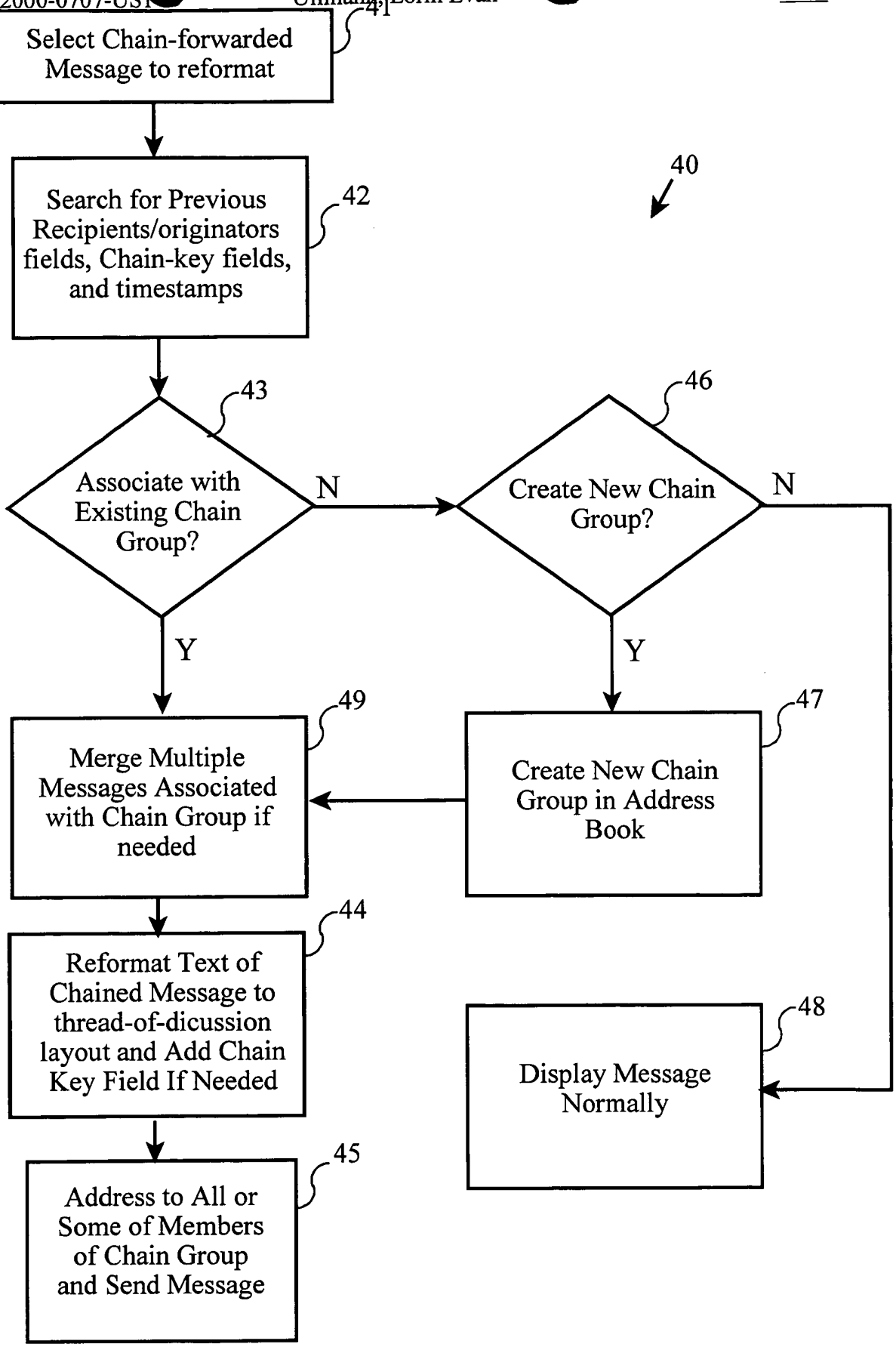
Select Chain-forwarded Message to reformat
41
Search for Previous Recipients/originators fields, Chain-key fields, and timestamps
42
40
Associate with Existing Chain Group?
43
N
Create New Chain Group?
46
N
Y
Y
Merge Multiple Messages Associated with Chain Group if needed
49
Create New Chain Group in Address Book
47
Reformat Text of Chained Message to thread-of-dicussion layout and Add Chain Key Field If Needed
44
Display Message Normally
48
Address to All or Some of Members of Chain Group and Send Message
45

Figure 4

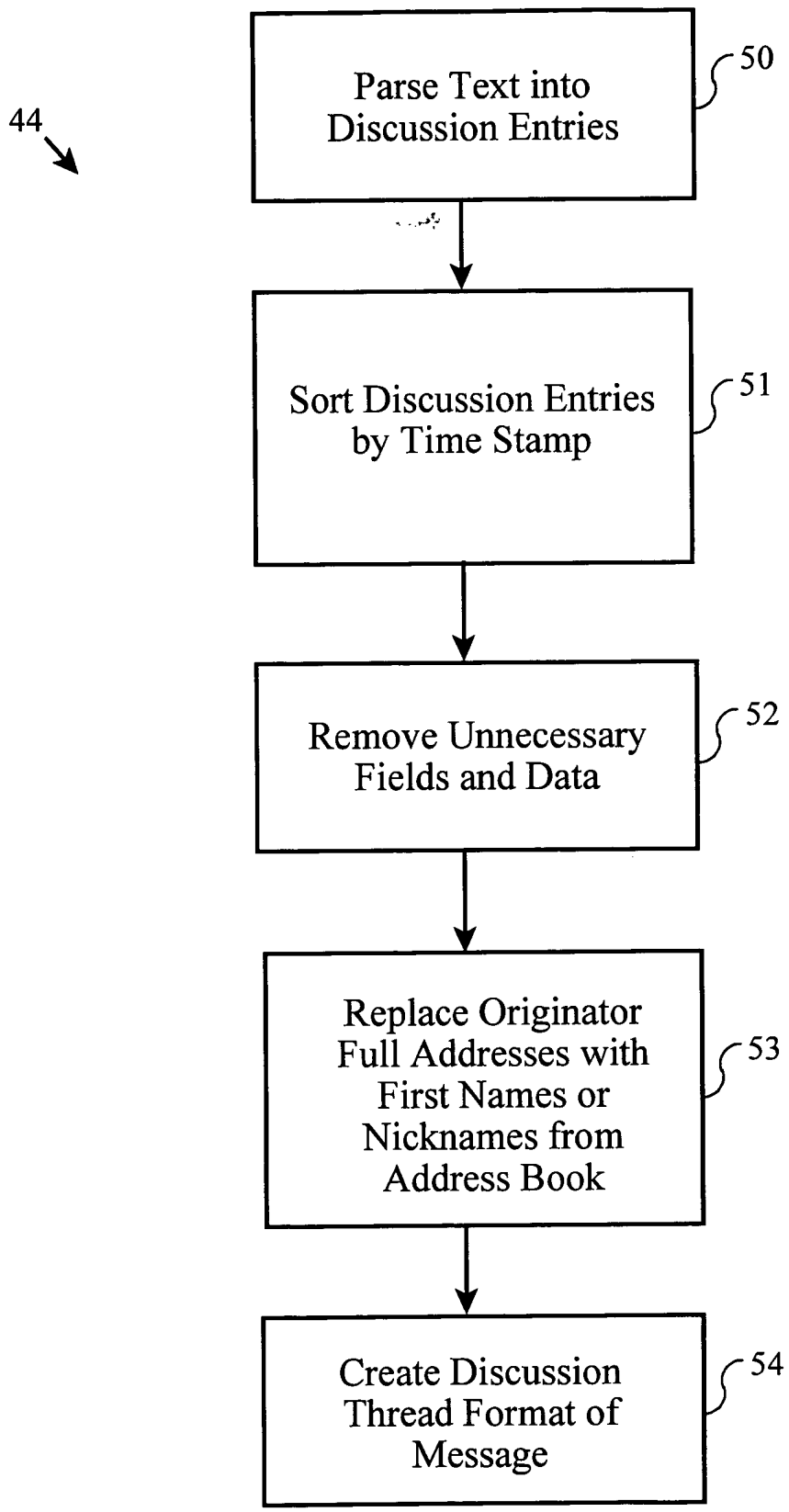
44
Parse Text into Discussion Entries
50
Sort Discussion Entries by Time Stamp
51
Remove Unnecessary Fields and Data
52
Replace Originator Full Addresses with First Names or Nicknames from Address Book
53
Create Discussion Thread Format of Message
54

Figure 5